Girdle Slope

ⓘ These parameters are applicable to the Brilliant cut.
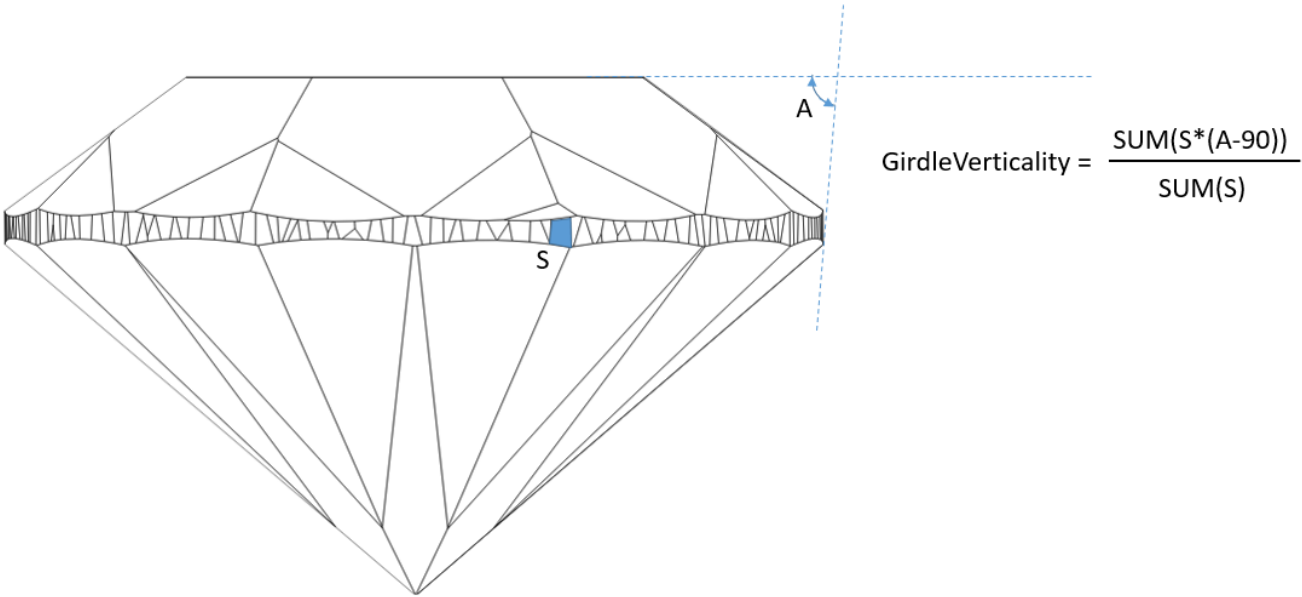
Girdle Verticality

Alias: GirdleVerticality

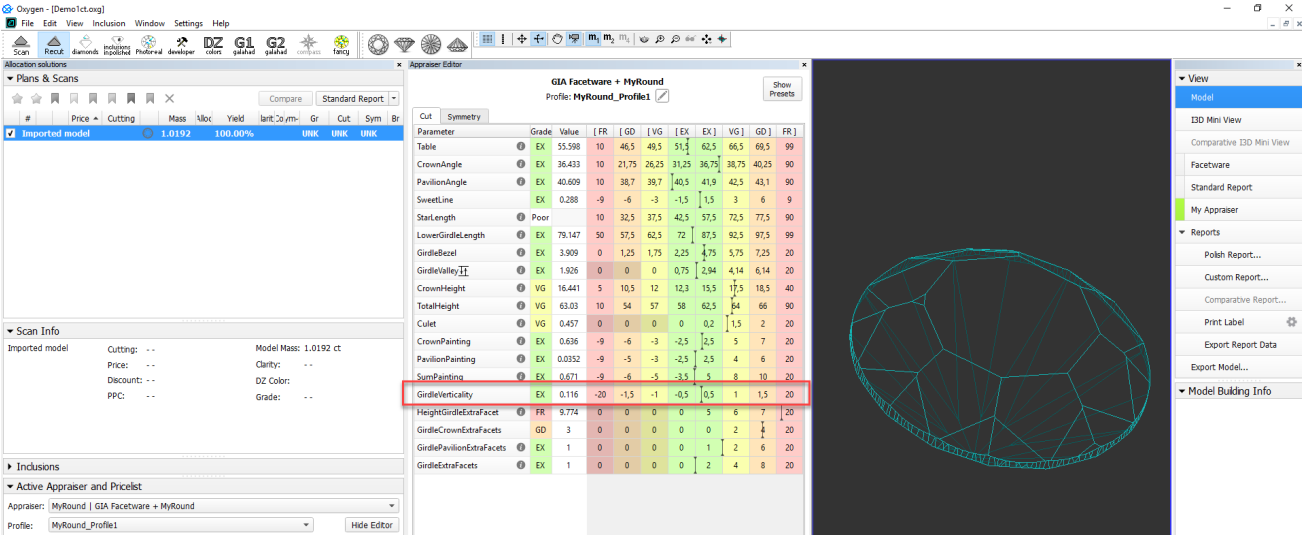Girdle facets average slope deviation from vertical in degrees.
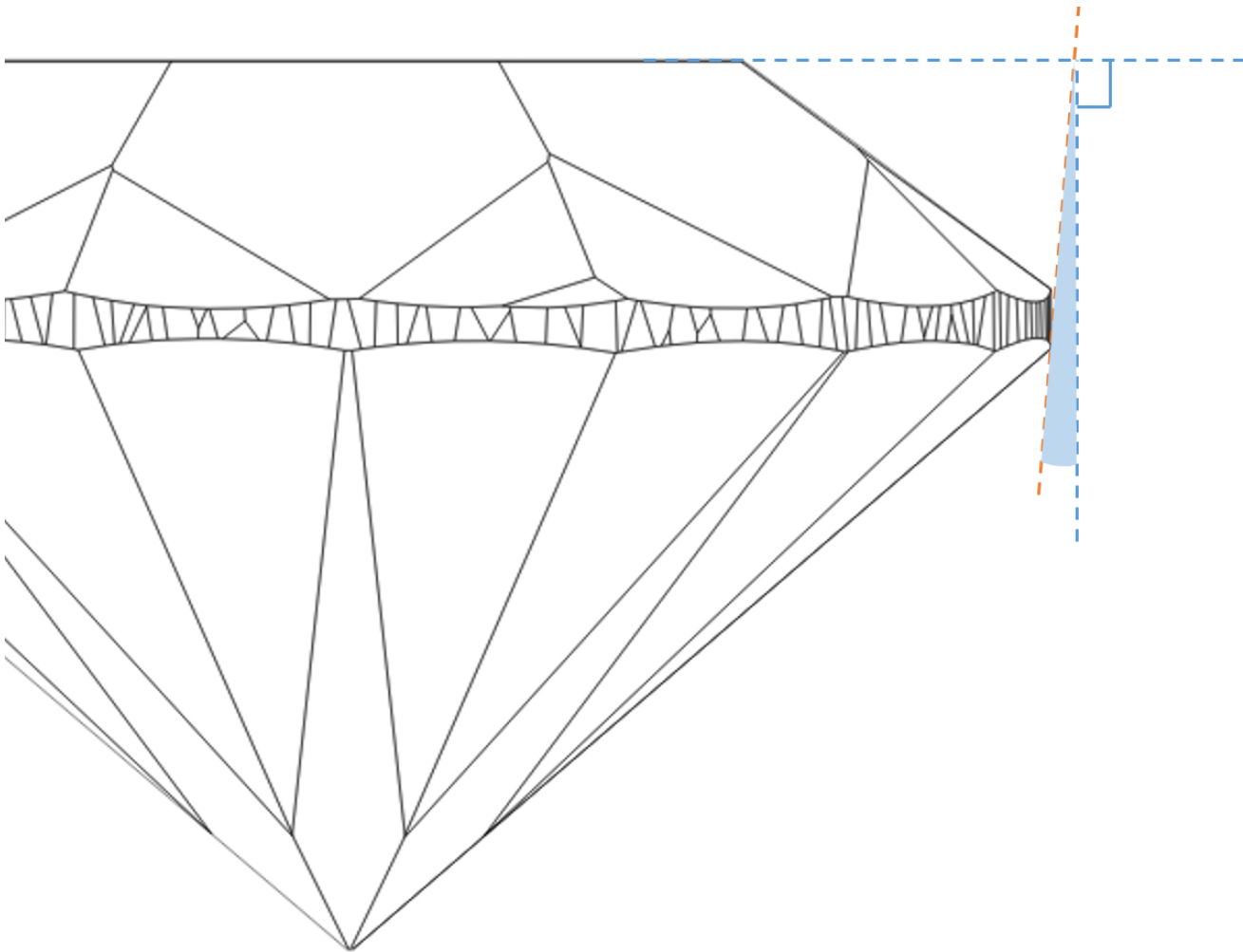
Calculation

Th larger area the facet with the deviation from vertical has the more it affects visually the stone. That is why the areas of the Girdle facets are includedintothe calculation.

$$GirdleVerticality = \frac{SUM(S*(A-90))}{SUM(S)}$$

In User Interface

Recut > **Appraiser** = "MyRound | GIA Facetware + MyRound" > **Show Editor** > the **Cut** tab.

Reporting

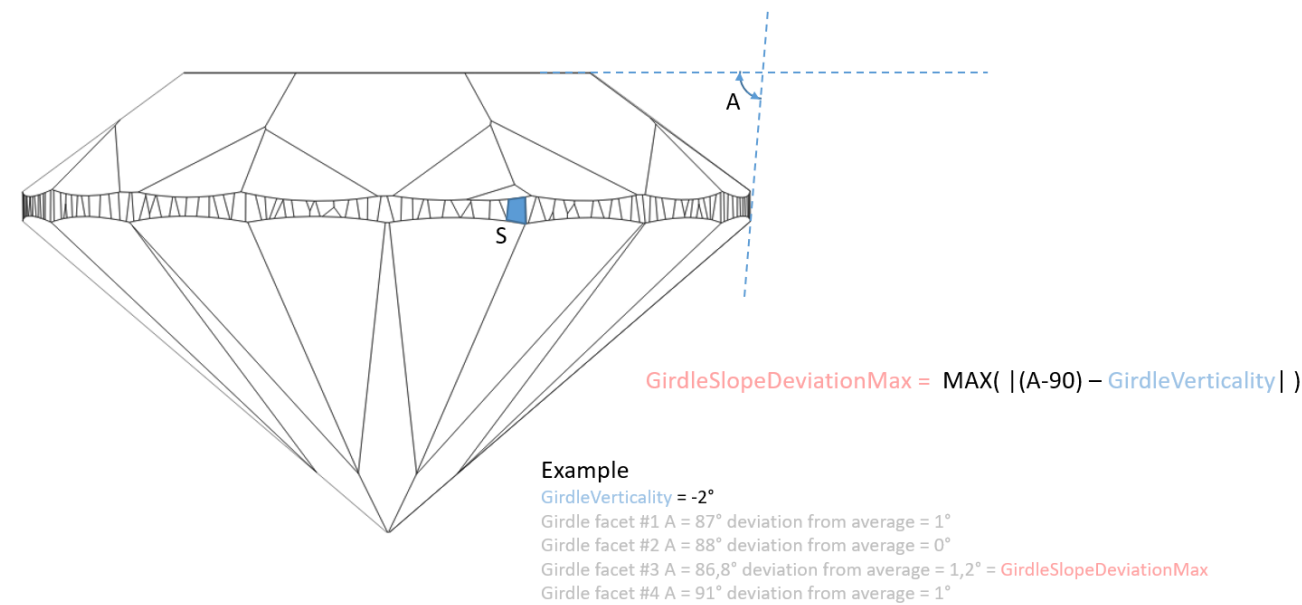| Reported in	Section	Values	Units	Bookmarks
All full reports	Main Parameters	Avg	°	GIRDLE_VERTICALITY

Girdle Slope Deviation Max

Alias: GirdleSlopeDeviationMax

Maximum girdle facet slope deviation from **GirdleVerticality** in degrees.

GirdleVerticality
(average by area for
all Girdle facets)

OR

GirdleSlopeDeviationMax
(maximum – particular facet)
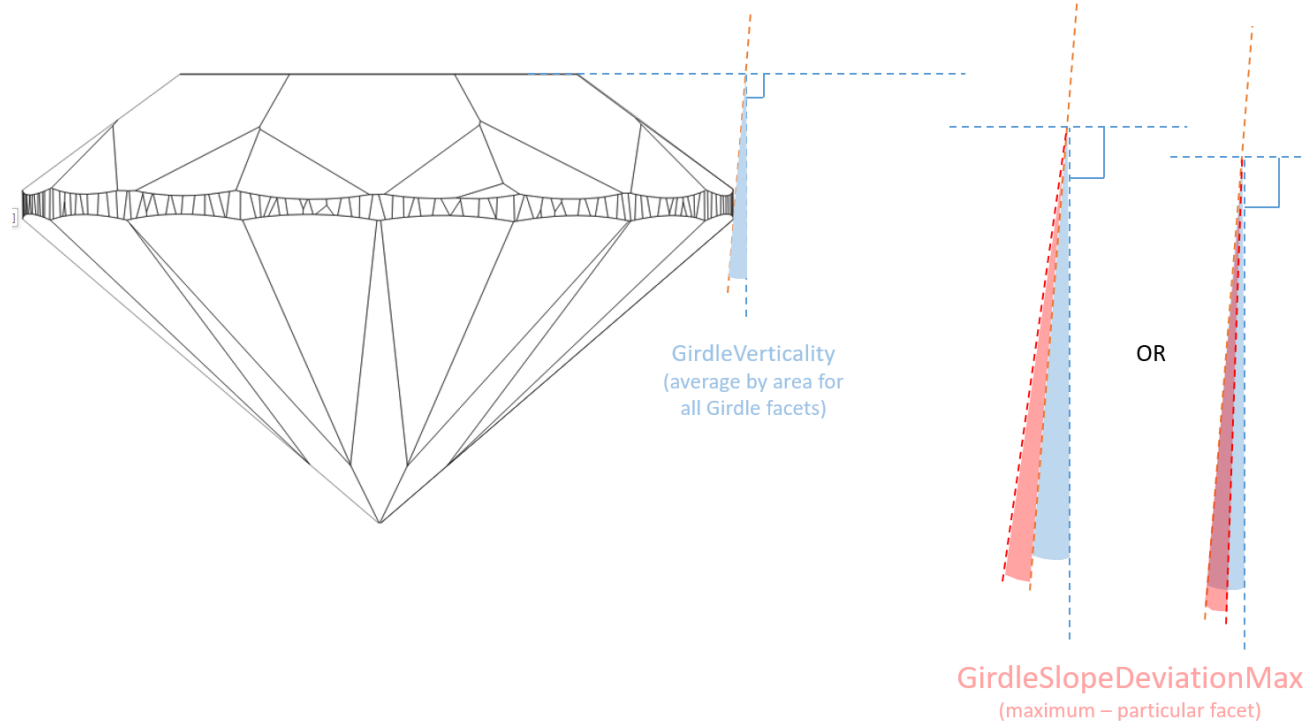
Calculation

We take every Girdle facet, calculate its deviation from vertical (A-90), then compare it to average deviation from vertical (**GirdleVerticality**) for this stone, then from all found values we select the maximum. It is **GirdleSlopeDeviationMax**.

GirdleSlopeDeviationMax = MAX(|(A-90) − GirdleVerticality|)

Example
GirdleVerticality = -2°
Girdle facet #1 A = 87° deviation from average = 1°
Girdle facet #2 A = 88° deviation from average = 0°
Girdle facet #3 A = 86,8° deviation from average = 1,2° = GirdleSlopeDeviationMax
Girdle facet #4 A = 91° deviation from average = 1°

GirdleSlopeDeviationMax

In User Interface

Recut > **Appraiser** = "MyRound | GIA Facetware + MyRound" > **Show Editor** > the **Symmetry** tab.
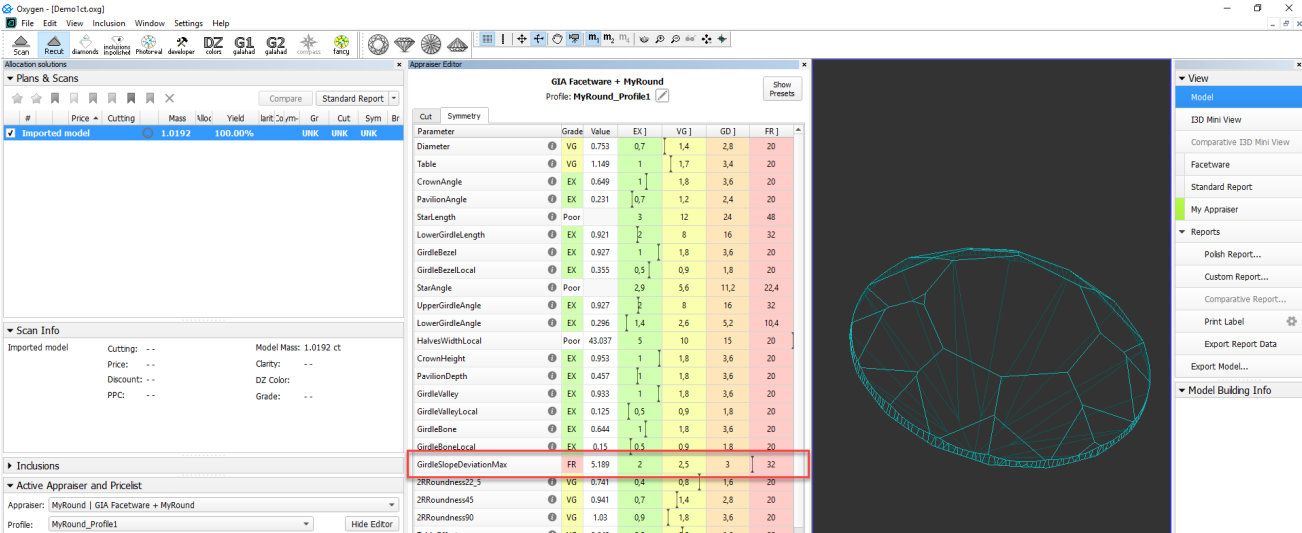
Reporting

Reported in	Section	Values	Units	Bookmarks
All full reports	Main Parameters	Avg	°	GIRDLE_SLOPE_DEVIATION_MAX